.s. PTO	
10/712	

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Doo	ket No.:	GS 160 D1
First Inven	tor:	Richard A. Blanchard et al.
Title:	DEVICE TERRA	DD FOR FABRICATING A POWER SEMICONDUCTOR E HAVING A VOLTAGE SUSTAINING LAYER WITH A CED TRENCH FACILITATING FORMATION OF ING ISLANDS

Express Mail Label No.: ER 638135202 US					
(Only for new nonprovisional applications under 37 CFR 1.53(b))					
APPLICATION ELEMENTS	Mail Stop Patent Application				
(see ivii Ei chapter ooo concerning	DRESS TO: Commissioner for Patents				
utility patent application contents)	P.O. Box 1450				
	Alexandria, VA 22313-1450				
1. X Fee Transmittal Form in duplicate	7. CD-ROM or CD-R in duplicate, large				
(Submit an original and a duplicate for fee processing)	table or Computer Program (Appendix)				
2. Applicant claims small entity status  See 37 CFR 1.27	8. Nucleotide and/or Amino Acid Sequence				
	(if applicable, all necessary)				
3. X Specification Total Pages 1 (preferred arrangement set forth below)	8 a. Computer Readable Form (CFR) b. Specification Sequence Listing on				
-Descriptive title of the invention	b. Specification Sequence Listing on: i. CD-ROM or CD-4 (2 copies);				
-Cross Reference to Related Applications	ii. or paper				
-Statement Regarding Fed sponsored R&D	c. Statements verifying identify of above copies				
-Reference to sequence listing, a ta					
-Background of the Invention					
-Brief Summary of the Invention	9. Assignment Papers (cover sheet & document(s))				
-Brief Description of the Drawings (if filed	10				
-Detailed Description	10. 37 CFR 3.73(b) X Power of Attorney				
-Claim(s)	Statement (when there is an assignee)				
-Abstract of the Disclosure	11. English Translation Document (if applicable)				
restract of the Disclosure	12. X IDS Copies of IDS Citations				
4. X Drawing(s) Total Sheets 8					
5. Oath or Declaration	14. X Return Receipt Postcard (MPEP 503)				
a. Newly executed (original or copy)	15. Certified Copy of Priority Document				
b. X Copy from a prior application (37	16. Nonpublication Request under 35 U.S.C.				
CFR 1.63(d)) (for continuation/ divis	sional with 122(b)(2)(B)(i). Applicant must attach form				
Box 18 completed)	PTO/SB/35 or its equivalent.				
i. DELETION OF INVENTOR(	S) 17 Other:				
Signed statement attached deleting					
inventor(s) named in the prior applic see 37 CFR 1.63(d)(2) and 1.33(b).	ation,				
	7/				
18. IF A CONTINUING APPLICATION, check appropriate	box and supply the requisite information below and in a preliminary amendment:				
Continuation X Divisional	Continuation-in- Part (CIP) Prior Appl. No. 09/970,758				
Prior Appl. information: Examiner: That	ao X. Le Group/Art Unit: 2814				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONDENCE ADDRESS					
M C					
Name Karin L. Williams	27/74 or Correspondence address below				
Mayer Fortkort & Williams, P	OC .				
Address 251 North Avenue West, 2 <sup>nd</sup> I					
	State         NJ         Zip Code         07090				
Country U.S.A. Telephone	908-518-7700 Fax 908-518-7795				
Name Karin L. Williams	Registration No. 36,721				
SIGNATURE Karin	Millar Date 11/12/03				



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			Complete if Known					
FEE TRANSMITTAL		Application	Number	Una	ssigned			
		Filing Date		Filed Herewith				
Patent fees are subject to annual revision		First Named	Inventor	or Richard A. Blanchard et al.				
		Examiner N	ame	Unassigned				
		Group Art U	nit	2814				
OTAL AMOUNT OF PAYMENT	(\$) 856	Attorney Docket No		GS	160 D1			
METHO	D OF PAYMENT				FE	E CALCU	ILATION (continued)	
The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		Larg	3. ADDITIONAL FEES  Large Small					
eposit Account Number	50-104		<u>Enti</u>	_	_	tity		
eposit Account Name	Mayer Fortkort 8	Williams	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
Champ Any Additional For your								

Attorney Docket No.   GS 160 D1					
METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and			L FEES		
credit any overpayment to: Deposit Account Number 50-1047		rge ntity		nall Itity	
60 1047	1		· -		
Deposit Account Name Mayer Fortkort & Williams	Fee	Fee	Fee	Fee	
Chama Any Additional Factors and an April 27 OFF A 42	Code	(\$)	Code	(\$)	Fee Description
Charge Any Additional Fee required under 37 CFR 1.16 and 1.17	1051	130	2051	65	Surcharge – late filing fee or oath
Applicant claims small entity status. See 37 CFR 1.27	1052 1053	50 130	2052 1053	25 130	Surcharge – late Provisional filing  Non-English specification
	147	2520	147	2520	For filing a request for ex parte  Reexamination
2. Payment Enclosed:	1804	920°	1804	920*	Requesting publication of SIR prior to  Examiner action
Check Credit Card Money Order Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
EEE CALCUI ATION	1251	110	2251	55	Extension for reply within first month
FEE CALCULATION	1252	420	2252	210	Extension for repty within second month
4 DAGIO FILINO FEE	1253	950	2253	475	Extension for reply within third month
1. BASIC FILING FEE	1254	1480	2254	740	Extension for reply within fourth month
	1255	2010	2255	1005	Extension for reply within fifth month
Large Entity Small Entity Fee Fee Fee Fee	1401	330	2401	165	Notice of Appeal
Code (\$) Code (\$) Fee Paid	1402 1403	330 290	2402 2403	165 145	Filing a brief in support of an appeal Request for oral hearing
	1451	1510	1451	1510	Petition to institute a public use proceeding
1001 770 2001 385 Utility filing fee 770	1452	1330	2452	665	Petition to revive - unavoidable
1002 340 2002 170 Design filing fee	1453	1330	2453	665	Petition to revive - unintentional
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee	1501	1330	2501	665	Utility issue fee (or reissue)
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1502	480	2502	240	Design issue fee
1000 100 2000 80 Provisional litting ree	1503 1460	640 130	2503 1460	320	Plant issue fee
SUBTOTAL (1) (\$) 770	1807	50	1807	130 50	Petitions to the Commissioner Processing fee under 37 CFR 1.17(q)
2. EXTRA CLAIM FEES	1806	180	1806	180	Submission of IDS
Previously Extra Fee from Paid** Claims below Fee Paid	8021	40	8021	40	Recording each patent assignment per property (times number of properties)
Total Claims         18         -         20         =         0         X         18         =         0           Independent Claims         4         -         3         =         1         X         86         =         86	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))
Multiple Dependent 280 =	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))
Large Entity Small Entity Fee Fee Fee Fee	1801	770	2801	385	Request for Continued Examination
Code (\$) Code (\$) Fee Description	1802	900	1802	900	(RCE) Request for expedited examination
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	OH(-				of a design application
1203 280 2203 145 Multiple dependent claim, if not paid	Other tea	e (specify)			<u> </u>
1204 86 2204 43 *Reissue independent claims over original patent					
1205 18 2205 9 *Reissue claims in excess of 20 and over original					
1205 18 2205 9 *Reissue claims in excess of 20 and over original patent			_		
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**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.  *For Reissues, see above		*Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$			
SUBMITTED BY	<del>                                     </del>				Complete (if applicable)
Name (Print/Type) Karin L. Williams	_	ation No.	36,7	21	Telephone 908-518-77000
Signature Kario S Million	211 [		_1		ate 1//12/23

GS 160 D1

CERTIFICATE OF I Applicant(s): Richard A	Docket No. GS 160 D1		
Serial No. Unassigned	Filing Date Filed Herewith	Examiner Unassigned	Group Art Unit 2814
Invention: METHOD F SUSTAININ ISLANDS	OR FABRICATING A POWER S G LAYER WITH A TERRACED	SEMICONDUCTOR DEVICE TRENCH FACILITATING F	HAVING A VOLTAGE ORMATION OF FLOATING
I hereby certify that the	e following correspondence:		·
New U.S. Divisional Pa	ntent Application		
<u> </u>	(Identify type	of correspondence)	
is being deposited with	the United States Postal Service	e "Express Mail Post Office to	o Addressee" service under 37
CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, A	Alexandria, VA 22313-1450 on
		Marjorie So	cariati
	<del></del>	(Typed or Printed Name of Person	Mailing Correspondence)
		(Signature of Person Mailin	Lianato \ ig Correspondence)
		ER 638135	202US
		("Express Mail" Mailing	

Note: Each paper must have its own certificate of mailing.